

Title (en)

Method and apparatus for automated assay of biological specimens.

Title (de)

Verfahren und Vorrichtung zum automatischen Test biologischer Proben.

Title (fr)

Procédé et dispositif pour l'analyse automatique d'échantillons biologiques.

Publication

**EP 0557871 A2 19930901 (EN)**

Application

**EP 93102433 A 19930217**

Priority

US 83705192 A 19920218

Abstract (en)

An apparatus and method for automated assay of biological specimens positioned on microscope slides. The apparatus comprises an interactive optical subsystem (11a) for viewing the biological specimen on the slide and for producing an interactive video signal corresponding to the viewed image. An automated optical subsystem (11b) includes a single high power microscope objective for scanning a rack of slides, portions of which having been previously identified for assay in the interactive optical means (11a). The system also includes a processor for processing the interactive and automatic video signals for the two optical subsystems. The processor receives the automatic video signal and performs biological assay functions upon it. A method and apparatus are also disclosed for marking points for later analysis on the microscope slides and for associating an analysis function with each marked point.

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**G01N 21/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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